```
=> d que 147
L3 187 SEA FILE=REGISTRY ABB=ON PLU=ON
MSYNLLGFLORSSNFOCOKLLWOLNGRLE
```

YCLKDRMNFDIPEEIKQLQQFQKEDAALTIYEMLQNIFAIFRQDSSSTGWNETIVENLLANVY

```
HQINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLKAKEYSHCAWTIVRVEILRNFY
               FINRLTGYLRN/SQSP
L5
             1 SEA FILE=HCAPLUS ABB=ON PLU=ON US2004-802540/APPS
L7
               TRANSFER PLU=ON L5 1- RN:
                                                33 TERMS
L8
            33 SEA FILE=REGISTRY ABB=ON PLU=ON L7
L10
               QUE ABB=ON PLU=ON PEPINSKY, B?/AU
L11
               QUE ABB=ON PLU=ON RUNKEL, L?/AU
L12
               QUE ABB=ON PLU=ON BRICKELMAIER, M?/AU
               QUE ABB=ON PLU=ON WHITTY, A?/AU
L13
               QUE ABB=ON PLU=ON HOCHMAN, P?/AU
L14
L15
               QUE ABB=ON PLU=ON BIOGEN/CS, SO, PA
               QUE ABB=ON PLU=ON POLYOXYALKYLENES+PFT,OLD,NEW,NT/CT
L18
L19
               QUE ABB=ON PLU=ON "POLYETHYLENE
GLYCOL"+PFT, OLD, NEW, NT
               /CT
L20
               OUE ABB=ON PLU=ON PEG
L21
               OUE ABB=ON PLU=ON ?PEGYL? OR ?POLYETHYLENEGLYCOL? OR
               POLYETHYLENEOXID? OR MACROGOL OR
(POLY(W)(ETHYLENEOXID?
               OR ETHYLENEGLYCOL?)) OR (POLYETHYLENE(W)(OXID? OR
GLYCOL?
               )) OR (?POLYETHYLEN?(1T)(OXID? OR GLYCOL?)) OR
(POLY(1T)(
               ETHYLENEOXID? OR ETHYLENEGLYCOL?))
L22
               QUE ABB=ON PLU=ON C(1W)TERM?
L23
               QUE ABB=ON PLU=ON N(1W) TERM?
L24
               QUE ABB=ON PLU=ON ?CONJUG? OR CONJ OR BIOCONJ?
               QUE ABB=ON PLU=ON "DRUG DELIVERY
L25
SYSTEMS"+PFT, OLD, NEW,
               NT/CT
               QUE ABB=ON PLU=ON INTERFERON
L26
L27
               OUE ABB=ON PLU=ON INF
L28
               QUE ABB=ON PLU=ON (B OR BETA)(1T)(L26 OR L27)
               QUE ABB=ON PLU=ON (B OR BETA) (5A) (L26 OR L27)
L29
L30
               QUE ABB=ON PLU=ON C07K0017-08/IPC
L31
               OUE ABB=ON PLU=ON A61K0047-48/IPC
            1 SEA FILE=REGISTRY ABB=ON PLU=ON L8 AND PMS/CI
L33
L34
             1 SEA FILE=REGISTRY POLYLINK L33
L35
             1 SEA FILE=REGISTRY ABB=ON PLU=ON (L33 OR L34)
L36
          266 SEA FILE=HCAPLUS ABB=ON PLU=ON L3
            42 SEA FILE=HCAPLUS ABB=ON PLU=ON L36 AND L35
L37
            45 SEA FILE=HCAPLUS ABB=ON PLU=ON L36 AND (L18 OR L19)
L39
             8 SEA FILE=HCAPLUS ABB=ON PLU=ON L36 (L) (L20 OR L21)
            40 SEA FILE=HCAPLUS ABB=ON PLU=ON L36 AND (L30 OR L31)
L40
            29 SEA FILE=HCAPLUS ABB=ON PLU=ON L40 AND (L20 OR L21)
L41
             4 SEA FILE=HCAPLUS ABB=ON PLU=ON L36 AND
L42
(L25(L)(L24(L)((L20
               OR L21) OR ?POLYMER OR ?POLYMERI?)))
```

```
L43
           58 SEA FILE=HCAPLUS ABB=ON PLU=ON (L37 OR L38 OR L39 OR
L40 OR
              L41 OR L42)
           47 SEA FILE=HCAPLUS ABB=ON PLU=ON L43 AND (L20 OR L21 OR
L44
L22 OR
               L23 OR L24)
L45
           42 SEA FILE=HCAPLUS ABB=ON PLU=ON L44 AND (L28 OR L29)
           58 SEA FILE=HCAPLUS ABB=ON PLU=ON (L43 OR L44 OR L45)
L46
             5 SEA FILE=HCAPLUS ABB=ON PLU=ON L46 AND (L10 OR L11 OR
L47
L12 OR
               L13 OR L14 OR L15)
=> d his 166
     (FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 13:50:45 ON 19 DEC
2007)
L66
            3 S L65 AND L10-L15
=> d que 166
           187 SEA FILE=REGISTRY ABB=ON PLU=ON
MSYNLLGFLQRSSNFQCQKLLWQLNGRLE
YCLKDRMNFDIPEEIKOLOOFOKEDAALTIYEMLONIFAIFRODSSSTGWNETIVENLLANVY
HQINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLKAKEYSHCAWTIVRVEILRNFY
               FINRLTGYLRN/SQSP
L10
               QUE ABB=ON PLU=ON PEPINSKY, B?/AU
               QUE ABB=ON PLU=ON RUNKEL, L?/AU
L11
              QUE ABB=ON PLU=ON BRICKELMAIER, M?/AU
QUE ABB=ON PLU=ON WHITTY, A?/AU
L12
L13
L14
              QUE ABB=ON PLU=ON HOCHMAN, P?/AU
L15
              QUE ABB=ON PLU=ON BIOGEN/CS, SO, PA
L30
              QUE ABB=ON PLU=ON C07K0017-08/IPC
               QUE ABB=ON PLU=ON A61K0047-48/IPC
L31
          169 SEA L3
L64
           20 SEA L64 AND (L30 OR L31)
L65
             3 SEA L65 AND (L10 OR L11 OR L12 OR L13 OR L14 OR L15)
L66
=> d que 184
               QUE ABB=ON PLU=ON PEPINSKY, B?/AU
L10
               QUE ABB=ON PLU=ON RUNKEL, L?/AU
L11
              QUE ABB=ON PLU=ON BRICKELMAIER, M?/AU
QUE ABB=ON PLU=ON WHITTY, A?/AU
L12
L13
L14
              QUE ABB=ON PLU=ON HOCHMAN, P?/AU
              QUE ABB=ON PLU=ON BIOGEN/CS, SO, PA
L15
L22
              QUE ABB=ON PLU=ON C(1W)TERM?
              QUE ABB=ON PLU=ON N(1W)TERM?
L23
              QUE ABB=ON PLU=ON ?CONJUG? OR CONJ OR BIOCONJ?
L24
             QUE ABB=ON PLU=ON INTERFERON
QUE ABB=ON PLU=ON INF
L26
L27
              QUE ABB=ON PLU=ON (B OR BETA) (1T) (L26 OR L27)
L28
             QUE ABB=ON PLU=ON (B OR BETA)(5A)(L26 OR L27)
L29
              QUE ABB=ON PLU=ON C07K0017-08/IPC
L30
```

QUE ABB=ON PLU=ON A61K0047-48/IPC

L31

```
L32
             QUE ABB=ON PLU=ON C07K0014-565/IPC
            4 SEA FILE-WPIX ABB-ON PLU-ON (RA00C8/SDCN OR
L71
RA00H3/SDCN OR
               RA0408/SDCN OR R02044/SDCN)
L74
           356 SEA FILE=WPIX ABB=ON PLU=ON L71 OR L32
L76
             QUE ABB=ON PLU=ON ((P8004 OR P0975)(L)Q7987)/PLE
L77
           18 SEA FILE=WPIX ABB=ON PLU=ON L74 AND L76
           39 SEA FILE=WPIX ABB=ON PLU=ON L74 AND (L30 OR L31)
L78
           44 SEA FILE=WPIX ABB=ON PLU=ON (L77 OR L78)
L79
           24 SEA FILE=WPIX ABB=ON PLU=ON L79 AND L24
L80
           11 SEA FILE=WPIX ABB=ON PLU=ON L80 AND (L22 OR L23)
L81
L82
            7 SEA FILE=WPIX ABB=ON PLU=ON L81 AND (L28 OR L29)
L83
           11 SEA FILE=WPIX ABB=ON PLU=ON (L81 OR L82)
L84
            1 SEA FILE-WPIX ABB-ON PLU-ON L83 AND (L10 OR L11 OR
L12 OR
              L13 OR L14 OR L15)
=> d que 194
           187 SEA FILE=REGISTRY ABB=ON PLU=ON
MSYNLLGFLQRSSNFQCQKLLWQLNGRLE
YCLKDRMNFDIPEEIKQLQQFQKEDAALTIYEMLQNIFAIFRQDSSSTGWNETIVENLLANVY
HOINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLKAKEYSHCAWTIVRVEILRNFY
              FINRLTGYLRN/SQSP
L5
            1 SEA FILE=HCAPLUS ABB=ON PLU=ON US2004-802540/APPS
L7
               TRANSFER PLU=ON L5 1- RN: 33 TERMS
            33 SEA FILE=REGISTRY ABB=ON PLU=ON L7
L8
             QUE ABB=ON PLU=ON PEPINSKY, B?/AU
L10
```

## QUE ABB=ON PLU=ON RUNKEL, L?/AU L11 L12 QUE ABB=ON PLU=ON BRICKELMAIER, M?/AU L13 QUE ABB=ON PLU=ON WHITTY, A?/AU L14QUE ABB=ON PLU=ON HOCHMAN, P?/AU QUE ABB=ON PLU=ON BIOGEN/CS, SO, PA L15 1 SEA FILE=REGISTRY ABB=ON PLU=ON L8 AND PMS/CI L33 1 SEA FILE=REGISTRY POLYLINK L33 L34 1 SEA FILE=REGISTRY ABB=ON PLU=ON (L33 OR L34) L35 L90 879 SEA FILE=MEDLINE ABB=ON PLU=ON L3 OUE ABB=ON PLU=ON "POLYETHYLENE L91 GLYCOLS"+PFT, OLD, NEW, N T/CT 16 SEA FILE=MEDLINE ABB=ON PLU=ON L35 L92 4 SEA FILE=MEDLINE ABB=ON PLU=ON L90 AND (L91 OR L92) L93 L94 3 SEA FILE=MEDLINE ABB=ON PLU=ON L93 AND (L10 OR L11 OR L12 OR L13 OR L14 OR L15)

=> d que 1101

L3 187 SEA FILE=REGISTRY ABB=ON PLU=ON MSYNLLGFLQRSSNFQCQKLLWQLNGRLE

YCLKDRMNFDIPEEIKQLQQFQKEDAALTIYEMLQNIFAIFRQDSSSTGWNETIVENLLANVY

HQINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLKAKEYSHCAWTIVRVEILRNFY FINRLTGYLRN/SOSP

```
L5
            1 SEA FILE=HCAPLUS ABB=ON PLU=ON US2004-802540/APPS
               TRANSFER PLU=ON L5 1- RN: 33 TERMS
L7
           33 SEA FILE=REGISTRY ABB=ON PLU=ON L7
L8
              QUE ABB=ON PLU=ON PEPINSKY, B?/AU
L10
L11
               QUE ABB=ON PLU=ON RUNKEL, L?/AU
L12
              QUE ABB=ON PLU=ON BRICKELMAIER, M?/AU
L13
               OUE ABB=ON PLU=ON WHITTY, A?/AU
               QUE ABB=ON PLU=ON HOCHMAN, P?/AU
L14
               QUE ABB=ON PLU=ON BIOGEN/CS, SO, PA
L15
            1 SEA FILE=REGISTRY ABB=ON PLU=ON L8 AND PMS/CI
L33
L34
            1 SEA FILE=REGISTRY POLYLINK L33
L35
            1 SEA FILE=REGISTRY ABB=ON PLU=ON (L33 OR L34)
L96
            O SEA FILE=EMBASE ABB=ON PLU=ON L3
L97
         14683 SEA FILE=EMBASE ABB=ON PLU=ON L35
L98
               QUE ABB=ON PLU=ON MACROGOL+PFT,OLD,NEW,NT/CT
               QUE ABB=ON PLU=ON "BETA
1,99
INTERFERON"+PFT, OLD, NEW, NT/CT
L100
           22 SEA FILE=EMBASE ABB=ON PLU=ON (L96 OR L99) AND (L97
OR L98)
L101
             0 SEA FILE=EMBASE ABB=ON PLU=ON L100 AND (L10 OR L11 OR
L12 OR
               L13 OR L14 OR L15)
=> d his 1105
     (FILE 'BIOSIS, CABA, AGRICOLA, BIOTECHNO, DRUGU, VETU' ENTERED AT
     14:10:41 ON 19 DEC 2007)
L105
            1 S L104 AND L10-L15
=> d que 1105
L3
           187 SEA FILE=REGISTRY ABB=ON PLU=ON
MSYNLLGFLQRSSNFQCQKLLWQLNGRLE
YCLKDRMNFDIPEEIKQLQQFQKEDAALTIYEMLQNIFAIFRQDSSSTGWNETIVENLLANVY
HOINHLKTVLEEKLEKEDFTRGKLMSSLHLKRYYGRILHYLKAKEYSHCAWTIVRVEILRNFY
               FINRLTGYLRN/SOSP
L5
             1 SEA FILE=HCAPLUS ABB=ON PLU=ON US2004-802540/APPS
L7
               TRANSFER PLU=ON L5 1- RN: 33 TERMS
            33 SEA FILE=REGISTRY ABB=ON PLU=ON L7
               QUE ABB=ON PLU=ON PEPINSKY, B?/AU
L10
               QUE ABB=ON PLU=ON RUNKEL, L?/AU
L11
              QUE ABB=ON PLU=ON BRICKELMAIER, M?/AU
QUE ABB=ON PLU=ON WHITTY, A?/AU
L12
L13
L14
               QUE ABB=ON PLU=ON HOCHMAN, P?/AU
L15
              QUE ABB=ON PLU=ON BIOGEN/CS, SO, PA
L20
             OUE ABB=ON PLU=ON PEG
L21
               OUE ABB=ON PLU=ON ?PEGYL? OR ?POLYETHYLENEGLYCOL? OR
?
               POLYETHYLENEOXID? OR MACROGOL OR
(POLY(W)(ETHYLENEOXID?
               OR ETHYLENEGLYCOL?)) OR (POLYETHYLENE(W)(OXID? OR
GLYCOL?
               )) OR (?POLYETHYLEN?(1T)(OXID? OR GLYCOL?)) OR
(POLY(1T)(
               ETHYLENEOXID? OR ETHYLENEGLYCOL?))
```

```
1 SEA FILE=REGISTRY ABB=ON PLU=ON L8 AND PMS/CI
L33
L34
             1 SEA FILE=REGISTRY POLYLINK L33
L35
             1 SEA FILE=REGISTRY ABB=ON PLU=ON (L33 OR L34)
L102
          1929 SEA L3
L103
         20477 SEA L35
L104
            10 SEA L102 AND (L103 OR (L20 OR L21))
L105
             1 SEA L104 AND (L10 OR L11 OR L12 OR L13 OR L14 OR L15)
=> d que 1109
L30
               QUE ABB=ON PLU=ON C07K0017-08/IPC
L31
               QUE ABB=ON PLU=ON A61K0047-48/IPC
L108
            10 SEA FILE=JAPIO ABB=ON PLU=ON C07K0014-565/IPC
L109
            1 SEA FILE=JAPIO ABB=ON PLU=ON L108 AND (L30 OR L31)
=> d his 1113
     (FILE 'MEDLINE, BIOSIS, EMBASE, PASCAL, LIFESCI, CABA, BIOENG,
BIOTECHNO,
     BIOTECHDS, DRUGU, DRUGB, VETU, VETB, CONFSCI, SCISEARCH, DISSABS'
ENTERED
    AT 14:14:56 ON 19 DEC 2007)
             8 S L112 AND L10-L15
T<sub>1</sub>113
=> d que 1113
L10
               QUE ABB=ON PLU=ON PEPINSKY, B?/AU
               QUE ABB=ON PLU=ON RUNKEL, L?/AU
L11
L12
               QUE ABB=ON PLU=ON BRICKELMAIER, M?/AU
               QUE ABB=ON PLU=ON WHITTY, A?/AU
L13
               QUE ABB=ON PLU=ON HOCHMAN, P?/AU
L14
L15
               QUE ABB=ON PLU=ON BIOGEN/CS, SO, PA
L20
               QUE ABB=ON PLU=ON PEG
L21
               QUE ABB=ON PLU=ON ?PEGYL? OR ?POLYETHYLENEGLYCOL? OR
               POLYETHYLENEOXID? OR MACROGOL OR
(POLY(W)(ETHYLENEOXID?
               OR ETHYLENEGLYCOL?)) OR (POLYETHYLENE(W)(OXID? OR
GLYCOL?
               )) OR (?POLYETHYLEN?(1T)(OXID? OR GLYCOL?)) OR
(POLY(1T)(
               ETHYLENEOXID? OR ETHYLENEGLYCOL?))
               QUE ABB=ON PLU=ON ?CONJUG? OR CONJ OR BIOCONJ?
L24
               QUE ABB=ON PLU=ON INTERFERON
L26
L27
              QUE ABB=ON PLU=ON INF
              QUE ABB=ON PLU=ON (B OR BETA) (1T) (L26 OR L27)
L28
               OUE ABB=ON PLU=ON (B OR BETA) (5A) (L26 OR L27)
L29
T<sub>1</sub>110
            6 SEA ((L28 OR L29) (10A) L24)(20A) (L20 OR L21)
           29 SEA (L28 OR L29) (5A) ?PEGYL?
L111
L112
            35 SEA (L110 OR L111)
L113
             8 SEA L112 AND (L10 OR L11 OR L12 OR L13 OR L14 OR L15)
```

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PROCESSING COMPLETED FOR L105

PROCESSING COMPLETED FOR L109

PROCESSING COMPLETED FOR L113

L119 12 DUP REM L47 L66 L84 L94 L101 L105 L109 L113 (10 DUPLICATES REMOVED)

ANSWERS '1-5' FROM FILE HCAPLUS ANSWERS '6-7' FROM FILE USPATFULL ANSWERS '8-10' FROM FILE MEDLINE ANSWER '11' FROM FILE BIOSIS ANSWER '12' FROM FILE JAPIO

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